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LOGINID:SSSPTAHXR1625

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS 3	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS 4	APR 02	DWPI: New display format ALLSTR available
NEWS 5	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS 6	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS 7	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus
NEWS 8	APR 07	MEDLINE Coverage Is Extended Back to 1947
NEWS 9	JUN 16	WPI First View (File WPIFV) will no longer be available after July 30, 2010
NEWS 10	JUN 18	DWPI: New coverage - French Granted Patents
NEWS 11	JUN 18	CAS and FIZ Karlsruhe announce plans for a new STN platform
NEWS 12	JUN 18	IPC codes have been added to the INSPEC backfile (1969-2009)
NEWS 13	JUN 21	Removal of Pre-IPC 8 data fields streamline displays in CA/CAplus, CASREACT,and MARPAT
NEWS 14	JUN 21	Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers -- EMBASE Classic on STN
NEWS 15	JUN 28	Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atop U.S. in Patenting and Commercialization of Bioethanol
NEWS 16	JUN 29	Enhanced Batch Search Options in DGENE, USGENE, and PCTGEN
NEWS 17	JUL 19	Enhancement of citation information in INPADOC databases provides new, more efficient competitor analyses
NEWS 18	JUL 26	CAS coverage of global patent authorities has expanded to 61 with the addition of Costa Rica
NEWS 19	SEP 15	MEDLINE Cited References provide additional revelant records with no additional searching.
NEWS 20	OCT 04	Removal of Pre-IPC 8 data fields streamlines displays in USPATFULL, USPAT2, and USPATOLD.
NEWS 21	OCT 04	Precision of EMBASE searching enhanced with new chemical name field
NEWS 22	OCT 06	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/CAplus.
NEWS 23	OCT 21	CA/CAplus kind code changes for Chinese patents increase consistency, save time

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 NEWS 24  OCT 22  New version of STN Viewer preserves custom
                  highlighting of terms when patent documents are
                  saved in .rtf format
 NEWS 25  OCT 28  INPADOCDB/INPAFAMDB: Enhancements to the US national
                  patent classification.
 NEWS 26  NOV 03  New format for Korean patent application numbers in
                  CA/CAplus increases consistency, saves time.
 NEWS 27  NOV 04  Selected STN databases scheduled for removal on
                  December 31, 2010

 NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
         AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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* * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:22:09 ON 10 NOV 2010

=> file reg
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      1.54       1.54

FILE 'REGISTRY' ENTERED AT 12:26:34 ON 10 NOV 2010
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STRUCTURE FILE UPDATES:    9 NOV 2010  HIGHEST RN 1252174-83-6
DICTIONARY FILE UPDATES:   9 NOV 2010  HIGHEST RN 1252174-83-6

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

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on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
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Uploading C:\Program Files\STNEXP\Queries\10788426.str

L1 STRUCTURE UPLOADED

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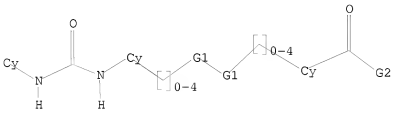
L1 HAS NO ANSWERS
L1 STR



G1 O,S,N,C

G2 O,N,C

G3 C,O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss sam
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SAMPLE SCREEN SEARCH COMPLETED - 72230 TO ITERATE

100.0% PROCESSED 72230 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1428573 TO 1460627
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L! sss full
L3 390673 L!

=> s L1 sss full
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FULL SCREEN SEARCH COMPLETED - 1449762 TO ITERATE

100.0% PROCESSED 1449762 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.07

L4 5 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 199.00 200.54

FILE 'CAPLUS' ENTERED AT 12:29:41 ON 10 NOV 2010
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 10 Nov 2010 VOL 153 ISS 20
FILE LAST UPDATED: 9 Nov 2010 (20101109/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s L4
L5 1 L4

=> d L4 ibib
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:n

=> d L5 ibib

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2004:756711 CAPLUS
DOCUMENT NUMBER: 141:277641
TITLE: Preparation of bicyclic (hetero)aryl- and pyridine-containing diaryl ureas as Raf kinase and angiogenesis inhibitors useful in the treatment of cancer and other disorders
INVENTOR(S): Dumas, Jacques; Boyer, Stephen; Verma, Sharad; Adnane, Lila; Chen, Yuanwei; Lee, Wendy; Phillips, Barton; Smith, Roger A.; Scott, William J.; Burke, Jennifer; Chen, Jianqing; Chen, Zhi; Fan, Jianmei; Miranda, Karl; Raudenbush, Brian; Redman, Aniko; Shao, Jianxing; Su, Ning; Wang, Gan; Yi, Lin; Zhu, Qingming
PATENT ASSIGNEE(S): Bayer Pharmaceuticals Corporation, USA
SOURCE: PCT Int. Appl., 162 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004078748	A2	20040916	WO 2004-US6287	20040301
WO 2004078748	A3	20041111		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

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            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
            LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
        RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
            BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
            MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA,
            GN, GQ, GW, ML, MR, NE, SN, TD, TG
     CA 2516931            A1    20040916    CA 2004-2516931         20040301
     EP 1608639            A2    20051228    EP 2004-716166          20040301
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK
     JP 2006519265         T     20060824    JP 2006-508978          20040301
     MX 2005009104         A     20060531    MX 2005-9104            20050826
     US 20100075971        A1    20100325    US 2009-628735          20091201
PRIORITY APPLN. INFO.:                       US 2003-450348P      P  20030228
                                             US 2003-450323P      P  20030228
                                             US 2003-450324P      P  20030228
                                             US 2004-789446       B1 20040301
                                             WO 2004-US6287       W  20040301
OTHER SOURCE(S):          MARPAT 141:277641
OS.CITING REF COUNT:      6      THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD
                                 (6 CITINGS)


=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     6.30     206.84

FILE 'REGISTRY' ENTERED AT 12:35:35 ON 10 NOV 2010
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DICTIONARY FILE UPDATES:   9 NOV 2010  HIGHEST RN 1252174-83-6

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on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10788426 exp.str

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L6 HAS NO ANSWERS
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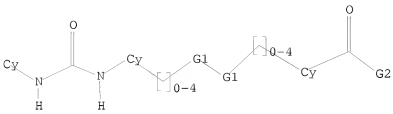
L6 STR



G1 O,S,N,C

G2 O,N,C

G3 C,O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s L6 sss full
FULL SEARCH INITIATED 12:36:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1449762 TO ITERATE

100.0% PROCESSED 1449762 ITERATIONS 29 ANSWERS
SEARCH TIME: 00.00.07

L7 29 SEA SSS FUL L6

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 192.03 398.87

FILE 'CAPLUS' ENTERED AT 12:36:37 ON 10 NOV 2010
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FILE COVERS 1907 - 10 Nov 2010 VOL 153 ISS 20
FILE LAST UPDATED: 9 Nov 2010 (20101109/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L7
L8 16 L7

=> d L8 ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 16 ANSWERS - CONTINUE? Y/(N):y

L8 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2006:440299 CAPLUS
DOCUMENT NUMBER: 144:468030
TITLE: Preparation of novel nicotinamide pyridinureas as vascular endothelial growth factor (VEGF) receptor kinase inhibitors
INVENTOR(S): Bohlmann, Rolf; Haberey, Martin; Hess-Stumpp, Holger; Huth, Andreas; Ince, Stuart; Krueger, Martin; Thierauch, Karl-Heinz
PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006048249	A1	20060511	WO 2005-EP11709	20051028
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1655297	A1	20060510	EP 2004-90420	20041103
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU				
AU 2005300734	A1	20060511	AU 2005-300734	20051028
CA 2586265	A1	20060511	CA 2005-2586265	20051028
EP 1807416	A1	20070718	EP 2005-806225	20051028
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CN 101056870	A	20071017	CN 2005-80038130	20051028
JP 2008518893	T	20080605	JP 2007-538358	20051028
BR 2005015725	A	20080805	BR 2005-15725	20051028
US 20060160861	A1	20060720	US 2005-262953	20051101
IN 2007DN02886	A	20070817	IN 2007-DN2886	20070418
MX 2007005340	A	20070817	MX 2007-5340	20070503
NO 2007002803	A	20070802	NO 2007-2803	20070601
KR 2007085609	A	20070827	KR 2007-7012381	20070601
ZA 2007005003	A	20080925	ZA 2007-5003	20070601
PRIORITY APPLN. INFO.:			EP 2004-90420 A	20041103
			US 2004-626918P P	20041112

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 144:468030; MARPAT 144:468030

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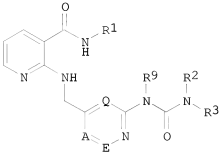

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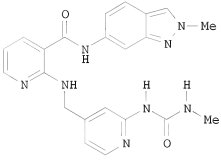


II

AB The title compds. I [A, E and Q = CH or N (only maximum of 2 N atoms are contained in the ring); R1 = (un)substituted (hetero)aryl; R2, R3, R9 = H, alkyl, haloalkyl, etc.; or R9 = H, and NR2R3 = (un)substituted 3-8 membered heterocycloalkyl, preferably 4-7 membered heterocycloalkyl, more preferably 5-6 membered heterocycloalkyl; or R3 = H, alkyl, alkoxyalkyl, and R2 and R9 together with the two N atoms to which they are attached form 5-7 membered ring, preferably 5-6 membered ring] which are VEGF receptor kinase inhibitors useful as pharmaceutical agents for preventing or treating diseases that are triggered by persistent angiogenesis, were prepared E.g., a multi-step synthesis of II, starting from 2-chloroisonicotinonitrile, was given. II showed IC50 of 10 nM against KDR kinase (VEGFR-2). Pharmaceutical composition comprising the compound I is disclosed.

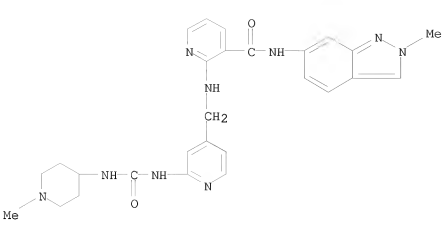
IT 886586-82-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of novel nicotinamide pyridinureas as VEGF receptor kinase inhibitors for treating and preventing diseases that are triggered by persistent angiogenesis)

RN 886586-82-9 CAPLUS

CN 3-Pyridinecarboxamide, N-(2-methyl-2H-indazol-6-yl)-2-[[[2-[[[(1-methyl-4-piperidinyl)amino]carbonyl]amino]-4-pyridinyl]methyl]amino]- (CA INDEX NAME)



OS.CITING REF COUNT:	2	THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT:	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER:	2005:1004711 CAPLUS
DOCUMENT NUMBER:	143:286294
TITLE:	Preparation of (pyridin-4-ylalkylthio)pyridine derivatives for treatment of diseases in which angiogenesis participates
INVENTOR(S):	Honda, Takahiro; Tajima, Hisashi; Kawashima, Kenji; Okamoto, Kazuyoshi; Yamamoto, Minoru; Inaba, Takaaki; Takeno, Yuriko
PATENT ASSIGNEE(S):	Santen Pharmaceutical Co., Ltd., Japan
SOURCE:	PCT Int. Appl., 322 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	Japanese
FAMILY ACC. NUM. COUNT:	1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005085201	A1	20050915	WO 2005-JP2971	20050217
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005219689	A1	20050915	AU 2005-219689	20050217
CA 2555712	A1	20050915	CA 2005-2555712	20050217
JP 2006096739	A	20060413	JP 2005-84772	20050317
EP 1717229	A1	20061102	EP 2005-710622	20050217
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CN 1918127	A	20070221	CN 2005-80005051	20050217
BR 2005007757	A	20070710	BR 2005-7757	20050217

NZ 548949	A	20090925	NZ 2005-548949		20050217
US 20070149574	A1	20070628	US 2006-587410		20060727
US 7544703	B2	20090609			
MX 2006009290	A	20061009	MX 2006-9290		20060816
KR 2006135818	A	20061229	KR 2006-7019034		20060915
PRIORITY APPLN. INFO.:			JP 2004-39862	A	20040217
			JP 2004-294347	A	20040906
			WO 2005-JP2971	W	20050217

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 143:286294
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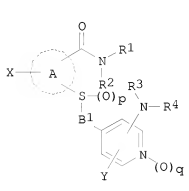

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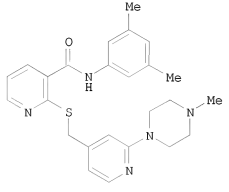


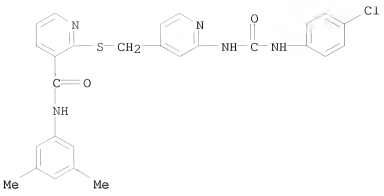
II

AB The title compds. I [wherein ring A = benzene, heterocycle, etc.; R1 and R2 = independently H, OH, alkoxy, etc.; R3 and R4 = independently H, (un)substituted alkyl, etc.; X and Y = independently H, halo, OH, etc.; B1 = alkylene; p = 0-2; q = 0 or 1] or salts thereof were prepared for the treatment of diseases in which angiogenesis participates. For example, the compound II was prepared in a multi-step synthesis in good yield. II inhibited 97% angiogenesis at the concentration of 20 μg/mL in cow. Some of compds. I showed good anticancer activity in rat. Formulations containing I as an active ingredient were also described.

IT 864458-58-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of (pyridin-4-ylalkylthio)pyridine derivs. for treatment of diseases in which angiogenesis participates)

RN 864458-58-2 CAPLUS

CN 3-Pyridinecarboxamide, 2-[[[2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-pyridinyl]methyl]thio]-N-(3,5-dimethylphenyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:470256 CAPLUS
DOCUMENT NUMBER: 143:20052
TITLE: Urea derivatives as kinase modulators
INVENTOR(S): Milanov, Zdravko V.; Patel, Hitesh K.; Grotzfeld, Robert M.; Mehta, Shamal A.; Andiliy, Lai G.; Lockhart, David J.
PATENT ASSIGNEE(S): Ambit Biosciences Corporation, USA
SOURCE: PCT Int. Appl., 350 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005048948	A2	20050602	WO 2004-US38288	20041115
WO 2005048948	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004291147	A1	20050602	AU 2004-291147	20041115
CA 2545711	A1	20050602	CA 2004-2545711	20041115
US 20050148605	A1	20050707	US 2004-989745	20041115
US 20050165031	A1	20050728	US 2004-989814	20041115
US 20050165024	A1	20050728	US 2004-989824	20041115
US 7750160	B2	20100706		
US 20050165074	A1	20050728	US 2004-990007	20041115
US 20050171171	A1	20050804	US 2004-989766	20041115
US 20050171172	A1	20050804	US 2004-989823	20041115
US 20050192314	A1	20050901	US 2004-990195	20041115
US 20050197371	A1	20050908	US 2004-990194	20041115

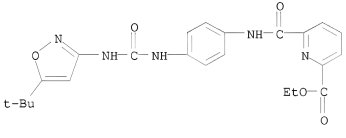
US 20050261315	A1	20051124	US 2004-989623		20041115
US 7767670	B2	20100803			
US 20050267182	A1	20051201	US 2004-989717		20041115
EP 1684762	A2	20060802	EP 2004-811122		20041115
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS					
JP 2007512255	T	20070517	JP 2006-539991		20041115
US 20100173917	A1	20100708	US 2010-714331		20100226
PRIORITY APPLN. INFO.:			US 2003-520273P	P	20031113
			US 2003-527094P	P	20031203
			US 2003-531082P	P	20031218
			US 2003-531243P	P	20031218
			US 2004-989814	B1	20041115
			WO 2004-US38288	W	20041115

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 143:20052

AB The invention provides methods and compns. for treating conditions mediated by various kinases wherein derivs. of urea compds. are employed. The invention also provides methods of using the compds. and/or compns. in the treatment of a variety of diseases and unwanted conditions in subjects such as cellular proliferative disorders.

IT 852668-71-4 852668-77-0 852669-80-8
852671-14-8
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(urea derivs. as kinase modulators for treatment of cellular proliferative disorders)

RN 852668-71-4 CAPLUS
CN 2-Pyridinecarboxylic acid, 6-[[[4-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)



RN 852668-77-0 CAPLUS
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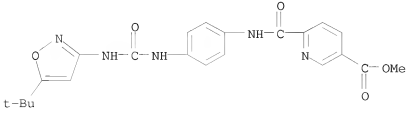
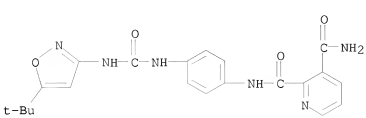


RN 852669-80-8 CAPLUS

CN 2,3-Pyridinedicarboxamide, N2-[4-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]- (CA INDEX NAME)



RN 852671-14-8 CAPLUS
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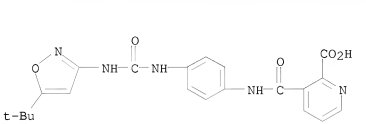


OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2004:756711 CAPLUS
DOCUMENT NUMBER: 141:277641
TITLE: Preparation of bicyclic (hetero)aryl- and pyridine-containing diaryl ureas as Raf kinase and angiogenesis inhibitors useful in the treatment of cancer and other disorders
INVENTOR(S): Dumas, Jacques; Boyer, Stephen; Verma, Sharad; Adnane, Lila; Chen, Yuanwei; Lee, Wendy; Phillips, Barton; Smith, Roger A.; Scott, William J.; Burke, Jennifer; Chen, Jianqing; Chen, Zhi; Fan, Jianmei; Miranda, Karl; Raudenbush, Brian; Redman, Aniko; Shao, Jianxing; Su, Ning; Wang, Gan; Yi, Lin; Zhu, Qingming
PATENT ASSIGNEE(S): Bayer Pharmaceuticals Corporation, USA
SOURCE: PCT Int. Appl., 162 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004078748	A2	20040916	WO 2004-US6287	20040301
WO 2004078748	A3	20041111		

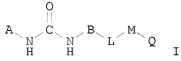
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,

BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516931	A1	20040916	CA 2004-2516931		20040301
EP 1608639	A2	20051228	EP 2004-716166		20040301
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK					
JP 2006519265	T	20060824	JP 2006-508978		20040301
MX 2005009104	A	20060531	MX 2005-9104		20050826
US 20100075971	A1	20100325	US 2009-628735		20091201
PRIORITY APPLN. INFO.:			US 2003-450348P	P	20030228
			US 2003-450323P	P	20030228
			US 2003-450324P	P	20030228
			US 2004-789446	B1	20040301
			WO 2004-US6287	W	20040301

OTHER SOURCE(S): MARPAT 141:277641

GI



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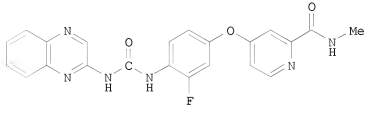


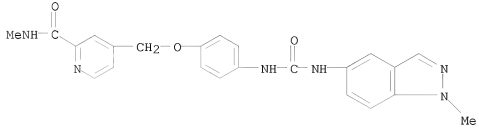
II

AB Title compds. I [wherein A = benzimidazolyl, 2,3-dihydro-1H-indolyl, 2,3-dihydro-1H-indenyl, 1H- or 2H-indazolyl, 1,3-benzodioxin-6-yl, quinoxalinyl, etc.; B = (un)substituted Ph, naphthyl, pyridinyl, quinolinyl; L = (CH2)m-D-(CH2)n; m, n = independently 0-4; D = O, C(:O), NH and derivs., NHCO and derivs., S, CONH and derivs.; M = (un)substituted pyridine ring; Q = C(:O)H and derivs., CO2H and derivs., CONH2 and derivs.; and their pharmaceutically acceptable salts, prodrugs, and metabolites] were prepared as Raf kinase inhibitors for treating hyper-proliferative and angiogenesis disorders, alone or in combination with cytotoxic therapies. For example, urea II was prepared from 4-(4-Amino-3-fluorophenoxy)-N-methylpyridine-2-carboxamide (preparation given), triphosgene, 2-aminoquinoxaline, in the presence of DIPEA/anhydrous DMF at 75°. Selected I showed 80% inhibition of c-Raf kinase at 1 μM. Thus, I are useful for treating cancer and other Raf kinase-mediated diseases.

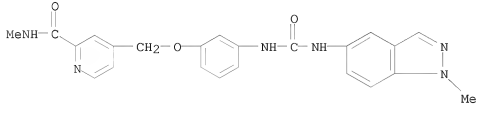
IT 757250-50-3P, N-Methyl-4-[[4-[[[(1-methyl-1H-indazol-5-yl)amino]carbonyl]amino]phenoxy]methyl]pyridine-2-carboxamide
757250-51-4P, N-Methyl-4-[[3-[[[(1-methyl-1H-indazol-5-yl)amino]carbonyl]amino]phenoxy]methyl]pyridine-2-carboxamide

757250-52-5P, 4-[[3-Fluoro-4-[[[(1-methyl-1H-indazol-5-yl)amino]carbonyl]amino]phenoxy]methyl]-N-methylpyridine-2-carboxamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Raf kinase inhibitor; preparation of (hetero)aryl- and pyridine-containing diaryl ureas for treating cancer and other disorders)

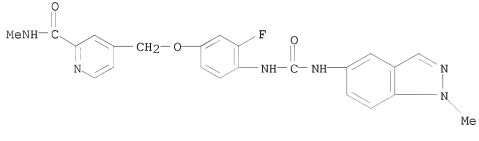
RN 757250-50-3 CAPLUS
CN 2-Pyridinecarboxamide, N-methyl-4-[[4-[[[(1-methyl-1H-indazol-5-yl)amino]carbonyl]amino]phenoxy]methyl]- (CA INDEX NAME)



RN 757250-51-4 CAPLUS
CN 2-Pyridinecarboxamide, N-methyl-4-[[3-[[[(1-methyl-1H-indazol-5-yl)amino]carbonyl]amino]phenoxy]methyl]- (CA INDEX NAME)



RN 757250-52-5 CAPLUS
CN 2-Pyridinecarboxamide, 4-[[3-fluoro-4-[[[(1-methyl-1H-indazol-5-yl)amino]carbonyl]amino]phenoxy]methyl]-N-methyl- (CA INDEX NAME)



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

L8 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:696888 CAPLUS
DOCUMENT NUMBER: 139:230482
TITLE: Preparation of 1,4-disubstituted benzofused cycloalkyl

urea compounds useful in treating cytokine mediated diseases

INVENTOR(S): Cirillo, Pier F.; Regan, John R.; Hammach, Abdelhakim

PATENT ASSIGNEE(S): Boehringer Ingelheim Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 89 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

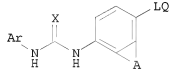
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003072569	A1	20030904	WO 2003-US7268	20030219
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2473634	A1	20030904	CA 2003-2473634	20030219
AU 2003213806	A1	20030909	AU 2003-213806	20030219
US 20030232865	A1	20031218	US 2003-369847	20030219
US 7041669	B2	20060509		
EP 1480973	A1	20041201	EP 2003-711498	20030219
EP 1480973	B1	20080213		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005518447	T	20050623	JP 2003-571275	20030219
AT 386030	T	20080315	AT 2003-711498	20030219
ES 2299689	T3	20080601	ES 2003-711498	20030219

PRIORITY APPLN. INFO.: US 2002-359809P P 20020225
WO 2003-US7268 W 20030219

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 139:230482

GI



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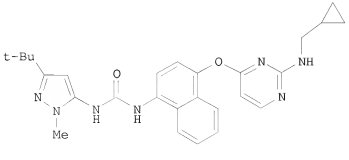


II

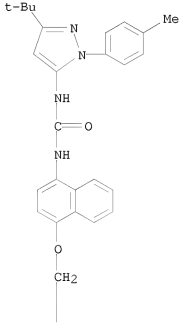
AB Benzo-fused urea compds. of formula I [A = (substituted) alkylene; Ar = pyrrole, pyrrolidine, pyrazole, imidazole, oxazole, thiazole, furan, thiophene; L = O, S, NH, alkylene, etc.; Q = Ph, pyridine, pyrimidine, imidazole, furan, pyran, morpholine, etc.; X = O, S] are prepared The compds. inhibit production of cytokines involved in inflammatory processes and are thus useful for treating diseases and pathol. conditions involving inflammation such as chronic inflammatory disease. Also disclosed are processes for preparing these compds. and compns., and pharmaceutical compns. comprising these compds. Thus, II was prepared from 4-amino-1-naphthol hydrochloride, 2,4-dichloropyrimidine, cyclopropanemethylamine and 5-amino-3-tert-butyl-1-methylpyrazole.

IT 591772-72-4P 591772-74-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzo-fused cycloalkyl urea compds. as inhibitors of cytokine production)

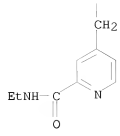
RN 591772-72-4 CAPLUS

CN 2-Pyridinecarboxamide, 4-[2-[[4-[[[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]oxy]ethyl]-N-ethyl- (CA INDEX NAME)

PAGE 1-A

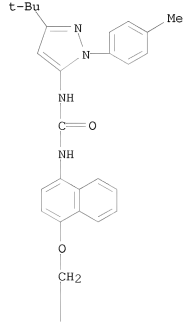


PAGE 2-A

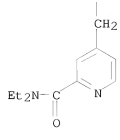


RN 591772-74-6 CAPLUS
CN 2-Pyridinecarboxamide, 4-[2-[[4-[[[[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]oxy]ethyl]-N,N-diethyl- (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:217318 CAPLUS
DOCUMENT NUMBER: 138:245495
TITLE: Development method for silver halide photographic material
INVENTOR(S): Hirano, Mitsunori
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 46 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003084382	A	20030319	JP 2001-236526	20010803
PRIORITY APPLN. INFO.:			JP 2001-191152 A	20010625

OTHER SOURCE(S): MARPAT 138:245495
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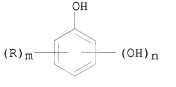


I

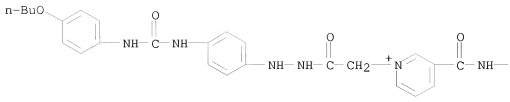
AB The material has ≥1 Ag halide emulsion layer and/or other hydrophilic layer containing a dimer in which monomers with both acylhydrazide and nicotinamide groups are connected through a linking group. It is developed with a developer with 9.0-10.5 pH free from a dihydroxybenzene, containing (1) ≥1 ascorbic acid derivative or (2) ≥1 ascorbic acid derivative and I [R = SO3M, CO2M, (un)substituted amino, or (un)substituted ammonio; M = H, alkali metal, (un)substituted ammonio; n = 1, 2; m = 1-3]. The method prevents pepper fog at low replenishment, providing high contrast images.

IT 481050-07-1
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
(photog. film containing dimer with acylhydrazide and nicotinamide groups as nucleating agent)

RN 481050-07-1 CAPLUS

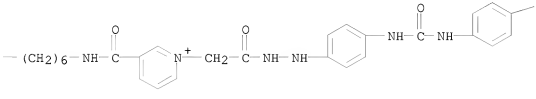
CN Pyridinium, 3,3'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-[2-[4-[[[(4-butoxyphenyl)amino]carbonyl]amino]phenyl]hydrazino]-2-oxoethyl]-, dichloride (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Cl⁻

PAGE 1-B



PAGE 1-C

OBu-n

L8 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:14486 CAPLUS
DOCUMENT NUMBER: 138:80583
TITLE: Silver halide photographic material containing surfactant and nucleating agent
INVENTOR(S): Ezoe, Toshihide; Goto, Takahiro
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 53 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003005319	A	20030108	JP 2001-183317	20010618
JP 4206650	B2	20090114		
PRIORITY APPLN. INFO.:			JP 2001-183317	20010618

AB The material has ≥1 photosensitive Ag halide emulsion layer containing RfRcZ (Rf = perfluoroalkyl; Rc = C≥2 alkylene; Z = group with anionic, cationic, or nonionic group) and a dimer in which monomers containing an acylhydrazide and a nicotinamide are bonded with a linking group. The material shows high contrast and good storage stability.

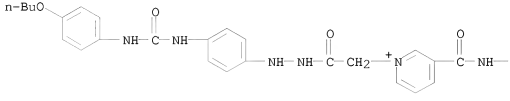
IT 481050-07-1
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(nucleating agent; photog. film containing surfactant and dimer with acylhydrazide and nicotinamide groups as nucleating agent)

RN 481050-07-1 CAPLUS

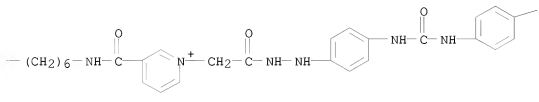
CN Pyridinium, 3,3'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-[2-[4-[[[(4-butoxyphenyl)amino]carbonyl]amino]phenyl]hydrazino]-2-oxoethyl]-, dichloride (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Cl⁻

PAGE 1-B



PAGE 1-C

OBu-n

L8 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER:	2002:591790 CAPLUS
DOCUMENT NUMBER:	137:147715
TITLE:	High contrast photographic film containing novel combination of hydrazide nucleating agents
INVENTOR(S):	Baker, Julie; Barford, Ian; Coldrick, Philip J.; Jenkins, Dawn J.; Piggin, Roger H.
PATENT ASSIGNEE(S):	Eastman Kodak Company, USA
SOURCE:	Eur. Pat. Appl., 51 pp. CODEN: EPXXDW
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1229383	A1	20020807	EP 2002-75344	20020128
EP 1229383	B1	20040407		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 20020192589 A1 20021219 US 2002-40672 20020107
US 6573021 B2 20030603
JP 2002244240 A 20020830 JP 2002-28451 20020205
JP 3943408 B2 20070711

PRIORITY APPLN. INFO.: GB 2001-2880 A 20010206

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 137:147715

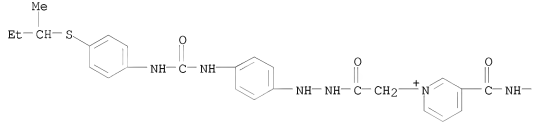
AB The invention relates to an ultrahigh contrast photog. film comprising a support bearing a silver halide emulsion layer, containing a combination of two or more hydrazide nucleating agents in the emulsion layer and/or a hydrophilic colloid layer, characterized in that the combination comprises a nucleating agent(s) of formulas (I) and/or (II) with a nucleator of formula (III) which are further disclosed in the claims, and in which the nucleating agent of formula (I) comprises (a) two nicotinamide moieties, which may be the same or different, which are linked by a linking group, and (b) a hydrazide moiety linked to only one of those nicotinamide moieties; the nucleating agent of formula (II) comprises a dimeric mol. comprising two monomers linked by a linking group, each monomer of which (a) may be the same or different and (b) comprises a hydrazide moiety and a nicotinamide moiety; and the nucleating agent of formula (III) comprises an aryl sulfonamido aryl hydrazide. The combination of nucleating agents show less sensitivity to variation in the development conditions than do the individual nucleating types, leading to significant improvements in processing robustness with less change in image quality with processing and tolerance to a wider range of developer solns.

IT 344315-62-4P 344315-64-6P
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(nucleating agent; high contrast photog. film containing novel combination of hydrazide nucleating agents)

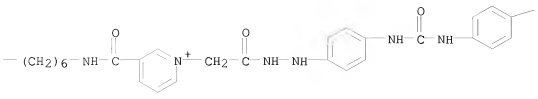
RN 344315-62-4 CAPLUS

CN Pyridinium, 3,3'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-[2-[2-[4-[[[4-[(1-methylpropyl)thio]phenyl]amino]carbonyl]amino]phenyl]hydrazino]-2-oxoethyl]-, dichloride (9CI) (CA INDEX NAME)

PAGE 1-A



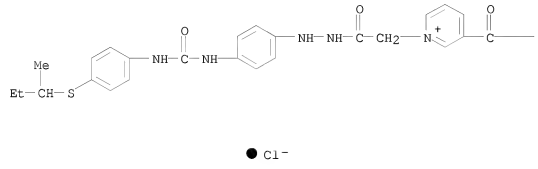
PAGE 1-B



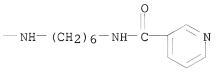
PAGE 1-C

RN 344315-64-6 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[[[[4-[(1-methylpropyl)thio]phenyl]amino]carbonyl]amino]phenyl]hydrazinyl]-2-oxoethyl]-3-[[[6-[(3-pyridinylcarbonyl)amino]hexyl]amino]carbonyl]-, chloride (1:1) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2001:918936 CAPLUS
DOCUMENT NUMBER: 136:45616
TITLE: High contrast photographic element containing a nucleator

INVENTOR(S): Bogie, Judith Anne; Coldrick, Philip John; Goddard, John Demita; Leyshon, Llewellyn James
PATENT ASSIGNEE(S): Eastman Kodak Company, USA
SOURCE: Eur. Pat. Appl., 44 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1164413	A1	20011219	EP 2001-201989	20010528
EP 1164413	B1	20061102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002040588	A	20020206	JP 2001-176666	20010612
JP 4402320	B2	20100120		

PRIORITY APPLN. INFO.: GB 2000-14329 A 20000612
OTHER SOURCE(S): MARPAT 136:45616

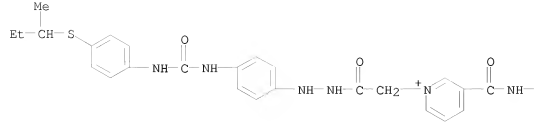
AB The invention relates to an ultrahigh contrast photog. material comprising a support bearing a silver halide emulsion layer, containing a hydrazide nucleating agent in the emulsion layer or a hydrophilic colloid layer, characterized in that the nucleating agent Z1-L-Z2-Y-NA1NA2-BG (T)n or Z1-L-Z2-BG-NA1NA2-Y (T)n (Z1,2 = nicotinamide residue, at least one of then is pos. charged; Y = aryl, heterocyclic ring; A1,2 = H, acyl, alkyl-sulfonyl aryl-sulfonyl; BG = blocking group; L = linking group; T = anionic counterion; n = 1,2) comprises (a) two nicotinamide moieties, which may be the same or different, which are linked by a linking group, and (b) a hydrazide moiety linked to only one of the nicotinamide moieties. The nucleator of above may be in combination with a nucleator of L-[Z-Y-NA1NA2-BG]2 2T or L-[Z-BG-NA1NA2-Y]2 2T (Z = pos. charged nicotinamide residue) which comprises a dimeric mol. comprising two monomers linked by a linking group, each monomer of which (a) may be the same or different and (b) comprises a hydrazide moiety and a nicotinamide moiety. The photog. material provides unexpectedly good nucleation in the absence of, or with reduced amts. of, booster and in a developer whose pH is variable, and further with lower chemical spread and pepper fog. When the synthesis provides both a compound, the products can be used directly without a separation step, providing a cost advantage.

IT 344315-62-4P 380383-39-1P
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(hydrazide nucleator agent for high contrast photog. element)

RN 344315-62-4 CAPLUS

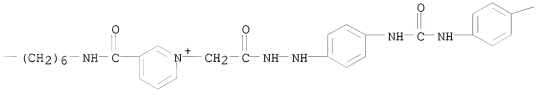
CN Pyridinium, 3,3'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-[2-[2-[4-[[[[4-[(1-methylpropyl)thio]phenyl]amino]carbonyl]amino]phenyl]hydrazino]-2-oxoethyl]-, dichloride (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Cl⁻

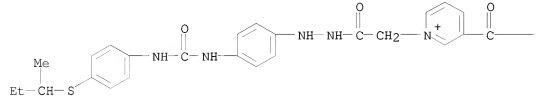
PAGE 1-B



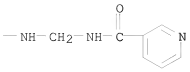
PAGE 1-C

RN 380383-39-1 CAPLUS
CN Pyridinium, 1-[2-[2-[4-[[[[4-[(1-methylpropyl)thio]phenyl]amino]carbonyl]amino]phenyl]hydrazinyl]-2-oxoethyl]-3-[[[[(3-pyridinylcarbonyl)amino]methyl]amino]carbonyl]-, chloride (1:1) (CA INDEX NAME)

PAGE 1-A



● Cl⁻



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2001:427325 CAPLUS
DOCUMENT NUMBER: 135:38862
TITLE: High contrast photographic film containing a novel nucleator
INVENTOR(S): Bogie, Judith A.; Coldrick, Philip J.; Goddard, John D.; Leyshon, Llewellyn J.
PATENT ASSIGNEE(S): Eastman Kodak Company, USA
SOURCE: U.S., 23 pp., Cont.-in-part of U.S. 6,143,462. CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6245480	B1	20010612	US 2000-591774	20000612
US 6143462	A	20001107	US 1999-444777	19991122
US 6228566	B1	20010508	US 2000-618357	20000718
PRIORITY APPLN. INFO.:			GB 1998-26870 A	19981208
			US 1999-444777 A2	19991122

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 135:38862

AB The invention relates to an ultrahigh contrast photog. material comprising a support bearing a silver halide emulsion layer, containing a hydrazide nucleating agent in the emulsion layer or in adjacent hydrophilic colloid layer, characterized in that the nucleating agent of the formula (I): Z1-L-Z2-Y-N(A2)-N(A1)-BG•(T)n (Z1, Z2 = nicotinamide residue, at least one of which is pos. charged; Y = aryl, heterocyclic ring; A1, A2 = H, acyl, alkyl- or aryl-sulfonyl; BG = blocking group; L = linking group; T = anionic counterion, n = 1, 2; BG and Y can be interchanged) comprises (a) two nicotinamide moieties, which may be the same or different, which are linked by a linking group, and (b) a hydrazide moiety linked to only one of the nicotinamide moieties. The nucleator of formula I may be in combination with a nucleator of formula (II): L-{Z-Y-N(A2)-N(A1)-BG}2•2T (each monomer linked by linking group L is the same or different; Z = pos. charged nicotinamide residue; Y, A1, A2, BG, L and T are as defined for a compound of formula I) that comprises a dimeric mol. comprising two monomers linked by a linking group, each monomer of which (a) may be the same or different and (b) comprises a hydrazide moiety and a nicotinamide moiety. The photog. material provides unexpectedly good nucleation in the absence of, or with reduced amts. of, booster and in a developer whose pH is variable, and further with lower chemical spread and pepper fog. When the synthesis provides both a compound of formula I and II, the products can be used directly without a separation step,

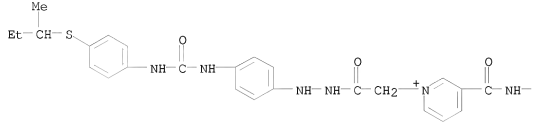
providing a cost advantage.

IT 344315-62-4P 344315-64-6P
RL: PEP (Physical, engineering or chemical process); PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); PROC (Process); USES (Uses)
(nucleating agent; high contrast photog. element containing novel nucleator providing good nucleation in absence or with reduced amts. of booster)

RN 344315-62-4 CAPLUS

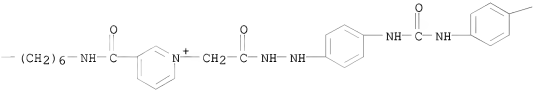
CN Pyridinium, 3,3'-[1,6-hexanediylbis(iminocarbonyl)]bis[1-[2-[2-[4-[[[[4-[(1-methylpropyl)thio]phenyl]amino]carbonyl]amino]phenyl]hydrazino]-2-oxoethyl]-, dichloride (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Cl⁻

PAGE 1-B

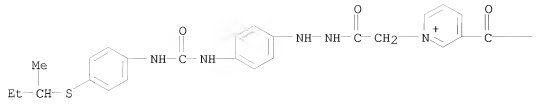


PAGE 1-C

RN 344315-64-6 CAPLUS

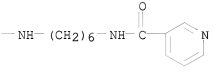
CN Pyridinium, 1-[2-[2-[4-[[[[4-[(1-methylpropyl)thio]phenyl]amino]carbonyl]amino]phenyl]hydrazinyl]-2-oxoethyl]-3-[[[6-[(3-pyridinylcarbonyl)amino]hexyl]amino]carbonyl]-, chloride (1:1) (CA INDEX NAME)

PAGE 1-A



● Cl⁻

PAGE 1-B

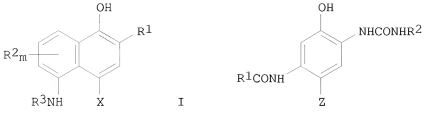


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:261782 CAPLUS
DOCUMENT NUMBER: 126:244786
ORIGINAL REFERENCE NO.: 126:47217a,47220a
TITLE: Silver halide color photographic material containing aminonaphthol or phenylureidephenol cyan coupler and the image-forming method
INVENTOR(S): Nakagawa, Hajime; Tsukahara, Jiro
PATENT ASSIGNEE(S): Fuji Photo Film Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 57 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09026652	A	19970128	JP 1995-197910	19950712
PRIORITY APPLN. INFO.:			JP 1995-197910	19950712

GI



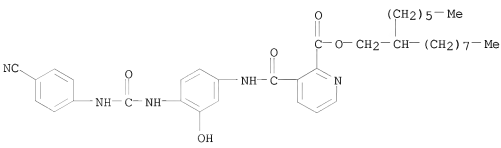
I II

AB Claimed photog. material having ≥1 each of red-, blue- and green-sensitive Ag halide emulsion layers and a light-insensitive layer on a support is characterized by (1) that the cyan coupler-containing layer contains a 4-equivalent cyan coupler, (2) that ≥90% of the 4-equiv coupler is a 5-amidonaphthol coupler I (R1 = CONR4R5, SO2NR4R5, NHCOR4, NHCO2R6, NHSO2R6,etc.; R2, R3 = substituent; m = 0-3; X = H; R4, R5 = H, alkyl, aryl, heterocyclic ring; R6 = alkyl, aryl, heterocyclic ring; dimerization or polymerization is allowed through either of R1, R2 or R3) or a 2-ureidephenol II (R1 = alkyl, aryl, heterocyclic group; R2 = aryl; Z = H) and (3) that a water-insol. basic metal compound is incorporated in ≥1 of the component layers, and (4) that the ratios of the gradations of yellow, magenta and cyan dye images obtained by the processes (II) to the gradations of the 3 colors obtained by the process (I) lie between 0.8 and 1.2, where the condition for the process (I) is 3 min to 3 min 15 s at 37-39° 50-70 s at 43-45° with 35-40 mol/L developing agent. The material is suitably a camera film having a magnetic recording layer on the backside of the support. Also claimed is the image-forming method for the material which is identical to the rapid process mentioned above. Preferable basic metal compound is the Zn and other alkaline earth metal capable of releasing alkali in contact with a chelating agent. The material and process provides a system producing photog. images with substantially the same characteristics as those obtained by the standard process, in spite of rapid finishing. Thus, a multilayer color neg. film containing 2 cyan couplers (II; R1 = 1-(2,5-di-tert-phenoxy)pentyl; R2 = p-cyano-phenyl; Z = H) and II; R1 = 1-(2,5-di-tert-phenoxy)propyl; R2 = p-propylsulfo-phenyl; Z = H and ZnO had the mentioned advantages.

IT 149243-21-0
RL: DEV (Device component use); USES (Uses)
(cyan coupler; color photog. material containing aminonaphthol or phenylureidephenol and the image-forming method)

RN 149243-21-0 CAPLUS

CN 2-Pyridinecarboxylic acid, 3-[[[4-[[[(4-cyanophenyl)amino]carbonyl]amino]-3-hydroxyphenyl]amino]carbonyl]-, 2-hexyldecyl ester (CA INDEX NAME)



ACCESSION NUMBER: 1995:999711 CAPLUS
DOCUMENT NUMBER: 124:160220
ORIGINAL REFERENCE NO.: 124:29471a,29474a
TITLE: Silver halide photographic material containing hydrazine derivative to enhance image contrast
INVENTOR(S): Hayakawa, Hiroshi; Kubo, Toshiaki
PATENT ASSIGNEE(S): Fuji Photo Film Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 31 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07234471	A	19950905	JP 1994-22686	19940221
JP 3294423	B2	20020624		
PRIORITY APPLN. INFO.:			JP 1994-22686	19940221

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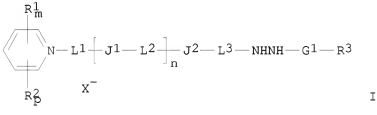


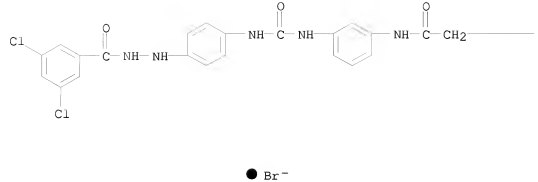
I

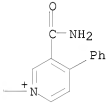
AB The claimed Ag halide photog. material contains a hydrazine derivative I [R1 = aromatic group; m = 1-3; ≥1 R1 is substituted at 2-, 4- or 6-site; R2 = H, non-aromatic substituent; p = 5-m; L1, L2, L3 = bivalent aliphatic or aromatic group; J1, J2 = SO2NR6, NR6SO2, CONR6, NR6CONR6, G2P(O)(G2R6)NR6; n = 0 or 1; G1 = CO, SO2, SO, thiocarbonyl, iminomethylene, PO(G2R6); R3 = H, blocking group; G2 = single bond, O, NR; R6 = H, aliphatic or aromatic group; X- = counter anion]. It has high image contrast and good processing stability and is suitably used for graphic arts applications.

IT 173408-86-1
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(silver halide photog. material containing hydrazine derivative to enhance image contrast)

RN 173408-86-1 CAPLUS

CN Pyridinium, 3-(aminocarbonyl)-1-[2-[[3-[[[[4-[2-(3,5-dichlorobenzoyl)hydrazinyl]phenyl]amino]carbonyl]amino]phenyl]amino]-2-oxoethyl]-4-phenyl-, bromide (1:1) (CA INDEX NAME)

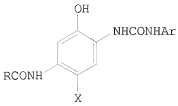




L8 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1993:528316 CAPLUS
DOCUMENT NUMBER: 119:128316
ORIGINAL REFERENCE NO.: 119:22833a,22836a
TITLE: Silver halide color photographic material
INVENTOR(S): Seto, Nobuo; Yoneyama, Hiroyuki; Morigaki, Masakazu; Sakai, Shuichi; Kobayashi, Hidetoshi; Yamazaki, Shigeru
PATENT ASSIGNEE(S): Fuji Photo Film Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 101 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05061166	A	19930312	JP 1992-29904	19920122
US 5300419	A	19940405	US 1992-888858	19920527
PRIORITY APPLN. INFO.:			JP 1991-150897 A1	19910528
			JP 1992-29904 A	19920122

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
GI



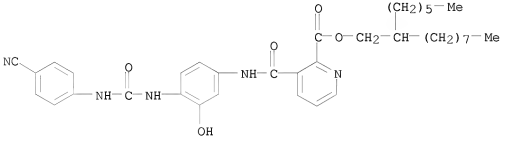
I

AB The title material contains a cyan coupler I (R = alkyl, alkenyl, aryl, heterocyclyl; X = H, group to be released upon coupling reaction with an oxidized aromatic primary amine color developing agent; Ar = aryl) and a hydrazine derivative R1R2NNR3R4 (R1 to R3 = aliphatic group, aryl, heterocyclyl;
R4 = H, aliphatic group, aryl, heterocyclyl; a proviso related to R1–R4 and further details on R1–R4 are given. The title material also contains a carbonate compound The title material shows good storage stability.

IT 149243-21-0
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)

RN 149243-21-0 CAPLUS

CN 2-Pyridinecarboxylic acid, 3-[[[4-[[[(4-cyanophenyl)amino]carbonyl]amino]-3-hydroxyphenyl]amino]carbonyl]-, 2-hexyldecyl ester (CA INDEX NAME)

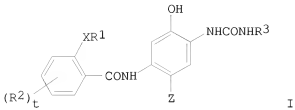


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

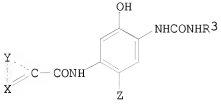
L8 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1993:157721 CAPLUS
DOCUMENT NUMBER: 118:157721
ORIGINAL REFERENCE NO.: 118:26871a,26874a
TITLE: Silver halide color photographic material
INVENTOR(S): Sakai, Shuichi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 82 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04301839	A	19921026	JP 1991-89089	19910329
PRIORITY APPLN. INFO.:			JP 1991-89089	19910329

GI



I



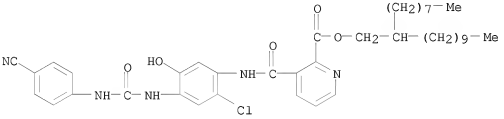
II

AB In the title material comprising a reflective support having thereon cyan coupler-containing silver halide emulsion layers, yellow coupler-containing silver halide emulsion layers, etc., the cyan coupler-containing silver halide layers contain one or more couplers represented by general structures I and II. For I, R1 = alkyl, alkenyl, alkynyl, etc.; X = a single bond, O, S, SO, etc.; R2 = a substituent on the benzene ring; t = 0 to 4. For II, X = C, N; Y = atoms which, together with C and X, form a 3- to 8-membered heterocyclic ring. For I and II, R3 = aryl; Z = H or a group to be released upon coupling reaction. The yellow coupler-containing silver halide emulsion layers in the title material contain an anilide coupler. The title material gives stable images.

IT 145977-55-5 146558-29-4 146558-32-9
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)

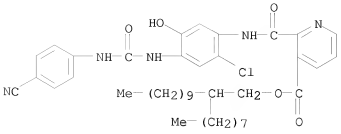
RN 145977-55-5 CAPLUS

CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, 2-octyldodecyl ester (CA INDEX NAME)

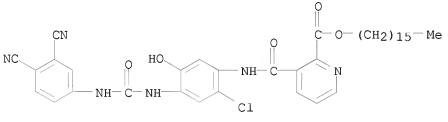


RN 146558-29-4 CAPLUS

CN 3-Pyridinecarboxylic acid, 2-[[[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, 2-octyldodecyl ester (CA INDEX NAME)



RN 146558-32-9 CAPLUS
CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-4-[[[(3,4-dicyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, hexadecyl ester (CA INDEX NAME)

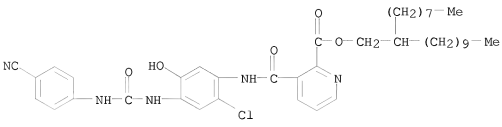


L8 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1993:157712 CAPLUS
DOCUMENT NUMBER: 118:157712
ORIGINAL REFERENCE NO.: 118:26871a,26874a
TITLE: Silver halide color photographic material
INVENTOR(S): Yoshioka, Yasuhiro; Sakai, Shuichi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 90 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

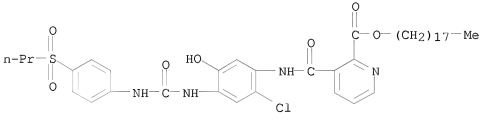
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04275547	A	19921001	JP 1991-61039	19910304

PRIORITY APPLN. INFO.: JP 1991-61039 19910304
GI For diagram(s), see printed CA Issue.
AB In the title material comprising a support having thereon a cyan coupler-containing silver halide emulsion layer, a magenta coupler-containing silver halide emulsion layer, and a yellow coupler-containing silver halide emulsion layer, the cyan coupler-containing emulsion layer contains an ureidophenol coupler. The yellow coupler-containing emulsion layer contains an acylacetamide coupler having an acyl group represented by I. For I, R1 = monovalent group; Q = nonmetallic atoms which, together with C, form a 3- to 5-membered hydrocarbon or heterocyclic ring. The title material shows high sensitivity.
IT 145977-55-5 145977-59-9 146558-29-4
146558-32-9
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)
RN 145977-55-5 CAPLUS

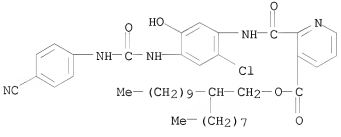
CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, 2-octyldodecyl ester (CA INDEX NAME)



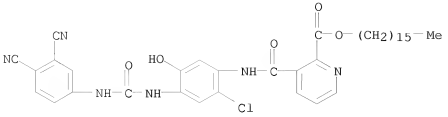
RN 145977-59-9 CAPLUS
CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-5-hydroxy-4-[[[[4-(propylsulfonyl)phenyl]amino]carbonyl]amino]phenyl]amino]carbonyl]-, octadecyl ester (CA INDEX NAME)



RN 146558-29-4 CAPLUS
CN 3-Pyridinecarboxylic acid, 2-[[[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, 2-octyldodecyl ester (CA INDEX NAME)



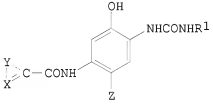
RN 146558-32-9 CAPLUS
CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-4-[[[(3,4-dicyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, hexadecyl ester (CA INDEX NAME)



L8 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1993:90721 CAPLUS
DOCUMENT NUMBER: 118:90721
ORIGINAL REFERENCE NO.: 118:15731a,15734a
TITLE: Silver halide color photographic material
INVENTOR(S): Sakai, Shuichi; Yamazaki, Shigeru; Sato, Kozo
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04204728	A	19920727	JP 1990-336810	19901130
JP 2851161	B2	19990127		
PRIORITY APPLN. INFO.:			JP 1990-336810	19901130

GI

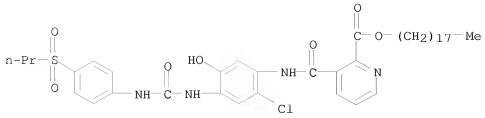


AB In the title material comprising a support having thereon one or more silver halide emulsion layers, at least one layer contains a cyan dye-forming coupler represented by general structure I. For I, Y = nonmetallic atoms for forming, together with C:X, 3- to 8-membered heterocyclic ring; X = C, N; R1 = aryl; Z = H, group to be released upon coupling. Couplers I are highly reactive.

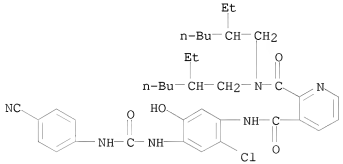
IT 145977-59-9 145977-62-4
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)

RN 145977-59-9 CAPLUS

CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-5-hydroxy-4-[[[[4-(propylsulfonyl)phenyl]amino]carbonyl]amino]phenyl]amino]carbonyl]-, octadecyl ester (CA INDEX NAME)



RN 145977-62-4 CAPLUS
CN 2,3-Pyridinedicarboxamide, N3-[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]-N2,N2-bis(2-ethylhexyl)- (CA INDEX NAME)



IT 145977-55-5P
RL: PREP (Preparation)
(preparation of, as cyan coupler)
RN 145977-55-5 CAPLUS
CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, 2-octyldodecyl ester (CA INDEX NAME)